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 TI Method of fundamentally treating common cold
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 PA Japan
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	JP 2002030000	A2	20020129	JP 2000-250327	20000717
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AB Although masks with the sustained release of menthol have been marketed for the symptomatic treatment of common cold and hay fever, fundamental treatment cannot be established thereby. By using these marketed masks, it is impossible to inhale a drug at such a high concentration as causing a slight pain in the upper respiratory tract mucosa. Inhalation of a drug vapor at such a high concentration as causing a slight pain in the upper respiratory tract mucosa causes physiol. dysfunction of upper respiratory tract mucosa cells and thus inhibits the proliferation of common cold viruses. Since common cold viruses are inactivated within several hours at the body temperature, common cold including influenza can be completely treated (defervescence) thereby. This treatment method is efficacious against all common cold viruses over 230 types. Thus, an efficacious method of fundamentally treating all types of viral common cold is disclosed for the first time in the world. Moreover, the absorption of antigens such as pollen can be inhibited thereby. Thus, a method of temporarily treating hay fever by inhibiting the formation of immune complexes is also provided.

ST menthol alc common cold
 IT Drug delivery systems
 (inhalants; method of fundamentally treating common cold with inhalation of menthol and other alcs.)
 IT Antiviral agents
 Cell proliferation
 Common cold
 Hay fever

Influenza virus

Pollen

(method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT Antigens

Immune complexes

RL: BSU (Biological study, unclassified); BIOL (Biological study)

(method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT Alcohols, biological studies

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT Respiratory tract

(mucosa; method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT Mucous membrane

(respiratory tract; method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT Drug delivery systems

(sustained-release; method of fundamentally treating common cold with inhalation of menthol and other alcs.)

IT 64-17-5, Ethanol, biological studies 1490-04-6, Menthol

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(method of fundamentally treating common cold with inhalation of menthol and other alcs.)

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE

- (1) Kao Corporation; JP 01313062 A 1989
- (2) Koki Bussan K K; JP 07148280 A 1995
- (3) Teisan Seiyaku K K; JP 63209666 A 1988 CAPLUS
- (4) Yasuda, S; JP 62101259 A 1987
- (5) Yasuda, S; JP 10286318 A 1999 CAPLUS
- (6) Yasuda, S; CN 1213979 A 1999
- (7) Yasuda, S; EP 893142 A1 1999 CAPLUS
- (8) Yasuda, S; BR 9612716 A 1999 CAPLUS
- (9) Yasuda, S; WO 9632160 A1 1999 CAPLUS
- (10) Yasuda, S; AU 9669179 A 1999 CAPLUS
- (11) Yasuda, S; KR 99087375 A 1999